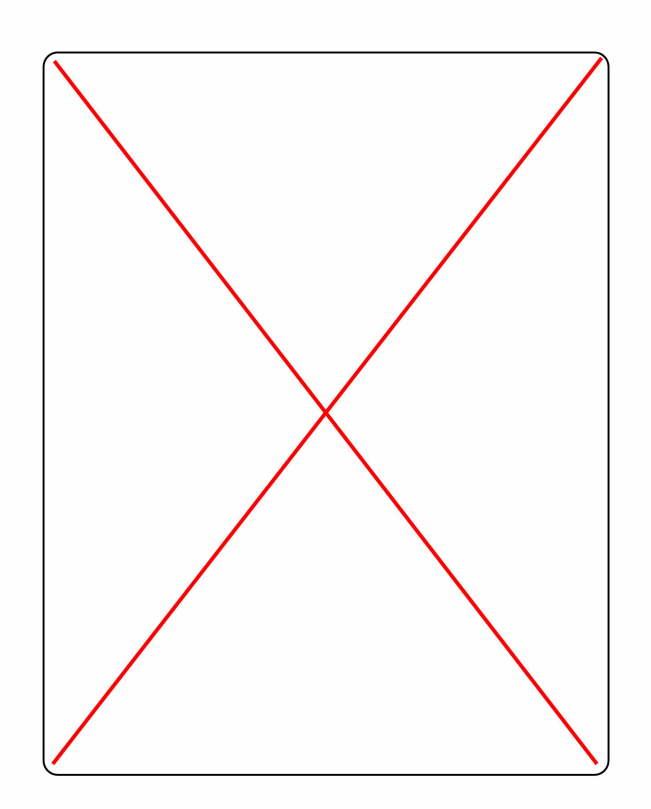

Philips
CRT monitor

22"
real flat QXGA

202P70

professional big screen, high resolution display

With superb high bright, high contrast big screen performance, productivity-enhancing ergonomics, convenience and lead-free design created for demanding professionals, the CRT 202P7 conserves energy and meets stringent safety standards.

Outstanding front of screen performance

- Real flat CRT for natural, distortion and glare-free display
- Easy-on-the-eyes high-bright, high-contrast tube
- QXGA 2048 x 1536 resolution for shaper display
- sRGB ensures color matching between display and printouts

Great convenience

- Auto signal switch accepts both SOG and 5 BNC signal inputs
- Compatibility with PC, Mac and workstation platforms
- Display more images and content without scrolling

Green design

- Lead-free design safeguards our environment
- Lower power consumption than the industry average
- TCO'03 guarantees the highest safety and ergonomic standards

PHILIPS
sense and simplicity

CRT monitor
22" real flat QXGA

202P70/93

Specifications

Picture/Display
- Display screen type: Shadow mask Real Flat CRT
- Panel Size: 22"/ 55 cm
- Phosphor: P22
- Recommended display area(mm): 392 x 294 mm
- Recommended Display Area(inch): 15.4" x 11.6"
- Dot pitch: 0.25 mm
- Dot Pitch (horizontal): 0.21 mm
- White Chromaticity, 5500K: x = 0.332 / y = 0.347
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 2048 x 1536 @ 80 Hz
- Optimum Resolution: 1600 x 1200 @ 85 Hz
- Factory Preset Modes: 9 modes
- Factory Preset Mode: 1024 x 768 @ 75 Hz, 1024 x 768 @ 85 Hz, 1280 x 1024 @ 75 Hz, 1280 x 1024 @ 85 Hz, 1600 x 1200 @ 75 Hz, 1600 x 1200 @ 85 Hz, 1792 x 1344 @ 75 Hz, 1920 x 1440 @ 75 Hz, 1920 x 1440 @ 85 Hz
- Factory Preload Modes: 27 modes
- Video Dot Rate: 360 MHz
- Horizontal Scanning Frequency: 30 - 130 kHz
- Vertical Scanning Frequency: 50 - 160 Hz
- Recommended Refresh Rate: 85 Hz
- Screen enhancement: Anti-glare Polarizer, Anti-Reflection, Anti-Static, High Brightness, High Contrast
- sRGB
- GTF

Connectivity
- Cables: D-sub Video Cable, Power Cord
- Sync input impedance: 2.2k ohm
- Video input impedance: 75 ohm
- Video input signal levels: 0.7 Vpp
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green
- Video Sync Polarities: Positive and Negative
- Cable Connection: AC Power in, 5BNC, D-sub

Convenience
- User convenience: Auto Signal Switch, Menu Languages, On-screen Display
- Monitor Controls: Brightness Control, Contrast Control, Left/Right, Menu, Power On/Off, Up/Down
- OSD Languages: English, French, German, Italian, Spanish, Portuguese, Korean, Simplified Chinese
- Plug & Play Compatibility: DDC 2B, sRGB, Windows 98/ME/2000/XP
- Regulatory Approvals: CE Mark, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo, FDA
- Swivel: +/- 90°
- Tilt: -5° to 25°

Accessories
- Included Accessories: AC Power Cord
- User Manual

Dimensions
- Dimensions (with base) (W x H x D): 501 x 501 x 466 mm
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -25°C to 65°C
- Weight: 26.34 kg

Power
- Consumption (On mode): 125 W (Typical)
- Consumption (Off Mode): 1 W
- Power LED indicator: Off - Amber, Operation - green
- Power supply: Built-in

Product highlights

Real flat CRT display
Philips advanced flat CRT technology reduces glare and reflection more efficiently than a conventional CRT. The special high-bright, high-contrast shadow mask helps maintain sharper focus and eliminates 'color blooming' compared to standard tubes. It displays images on a monitor that look like images on paper: Viewing the image is more comfortable. Straight lines are straight. Finding a reflection-free viewing position is much easier. This adds up to reduced eyestrain for a comfortable viewing experience.

High-bright-high-contrast tube
A CRT tube designed to increase display brightness and contrast by increasing the CRT ray gun's beam current.

QXGA, 2048 x 1536 resolution
Quantum eXtended Graphics Array: A screen resolution of 2048 x 1536 pixels.

sRGB ready
sRGB is an industry standard that ensures the best possible match between the colors displayed on your screen and those in your printouts.

Auto signal switch
The function determines signal type and routes the signal to the proper channel.

Platform compatibility
The ability to work with a variety of platforms; Philips monitors are compatible to connect with PCs and workstation by employing a VGA connection and connect with Macintosh.

Large viewing area
Viewing area is the visible portion of a monitor screen available for displaying data.

Lead-free
Lead-free display products are designed and produced in compliance with strict European Community Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Energy efficiency
Reduction of the electrical power required to operate a device to achieve real savings.

TCO '03 compliance
A TCO (Swedish Confederation of Professional Employees) standard even more stringent than MPR-II for safety and ergonomics, especially concerning alternating electric fields (AEF).

Issue date 2009-02-12
Version: 2.0.3
12 NC: 8639 000 16695
EAN: 87 10895 92687 4

© 2009 Koninklijke Philips Electronics N.V.
All Rights reserved.
Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com